

# IFM12-200E3: SMBus Readout (TI EV2300 / EV2400)

File Options AutoCycle View Window Help

**TEXAS INSTRUMENTS REAL WORLD SIGNAL PROCESSING™**

Refresh
Start Logging
Stop Logging
 Keep Scanning
Write 2 word Command
Graphs...

Name	Value	Unit	Log	Scan
Manufacturer Access	0074	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remaining Cap. Alarm	500	mAh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remaining Time Alarm	10	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery Mode	6001	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
At Rate	0	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
At Rate Time To Full	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
At Rate Time To Empty	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
At Rate OK	1	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Temperature	26.25	degC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Voltage	13272	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Name	Value	Unit	Log	Scan
Current	0	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Average Current	0	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Max Error	2	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Relative State of Charge	68	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Absolute State of Charge	66	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remaining Capacity	13025	mAh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Full charge Capacity	19170	mAh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Run time To Empty	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Average Time to Empty	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Average Time to Full	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Name	Value	Unit	Log	Scan
Charging Current	10000	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Charging Voltage	14600	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery Status	00C0	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cycle Count	5	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 4	3318	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 3	3318	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 2	3318	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 1	3318	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FET Status	0006	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Name	Value	Unit	Log	Scan
Safety Alert	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Safety Status	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PF Alert	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PF Status	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Operation Status	8840	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Charging Status	0400	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Temperature Range	0004	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pending EDV	10800	mv	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Manufacturing Status	8000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**Static Data**

Name	Value	Unit
Design Capacity	20000	mAH
Design Voltage	12800	mV
Specification Info	0002	hex
Manufacture Date	09-Sep-2014	
Serial number	0002	
Manufacturer Name	Drypower	
Device Name	IFM12200E3	
Device Chemistry	LiFe	

Refresh with Battery Mode scan selected to show proper values/units.

Show Flags
Show Static Data

Scan Off

Device: bq3050 RD, FW version: VD\_02\_BLD0003

SBS Task Progress: 100%

Task Completed.

01:23:27 PM

Communication OK.

SBS

Data Flash

Pro

Calibrate

Fuel Gauge

68%